## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Obee et al.

Serial No.:

Unknown

Filed:

Herewith

Title:

PHOTOCATALYTIC OXIDATION OF CONTAMINANTS THROUGH SELECTIVE DESORPTION OF WATER UTILIZING

**MICROWAVES** 

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 AND 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Provided herewith are copies of patents and publications as listed in the attached Form PTO-1449. None of these references discloses the invention claimed in the subject application.

Respectfully submitted,

CARLSON, GASKEY & OLDS, P.C.

Dated: September 25, 2003

Karin H. Butchko Registration No. 45,864

400 W. Maple Road, Suite 350

Birmingham, MI 48009

(248) 988-8360

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Compl t if Known			
			201 001155	Application Number	Unknown		
INFORMATION DISCLOSURE				Filing Date	Herewith		
STATEMENT BY APPLICANT				First Named Inventor	Obee		
				Art Unit	Unknown		
(use as many sheets as necessary)			necessary)	Examiner Name	Unknown		
Sheet	1	of	2	Attorney Docket Number	60246-217		

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		us- 5,933,702	08-03-1999	Goswami	
		US-			
	<u></u>	US-	~ ~ · · · · · · · · · · · · · · · · · ·		
		US-			
		US-	###\\* <u>################################</u>		
		US-	2000-2-100-100-2-1		***************************************
	<u> </u>	US-			
		US-	and the second of the second o		
		US-		**************************************	
		us-			and the second section of the second
		US-			
no see all age op		US-			**************************************
e commente de la compa		US-	and the second of the second o		
		us-	***************************************		
		US-	***************************************		
		US-			
	1	US-		1	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code 3 -Number 4. Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1.6			
				NAME OF THE PERSON OF THE PERS					
<u></u>									
	İ								
<u> </u>			······································						
i	i		<u> </u>						

		 -
Examiner	Date	
Signature	 Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

<sup>1</sup> Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Please	type a	plus si	jn (+)	inside	this	box	<b>→</b>	+
--------	--------	---------	--------	--------	------	-----	----------	---

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

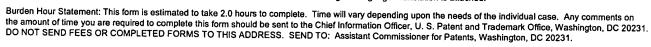
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	The state of the s				
Substitute for form 1449B/PTO	Compl te if Known				
INFORMATION DIGGLOCUES	Application Number	Unknown			
INFORMATION DISCLOSURE	Filing Date	Herewith			
STATEMENT BY APPLICANT	First Named Inventor	Obee			
	Group Art Unit	Unknown			
(use as many sheets as necessary)	Examiner Name	Unknown			
Sheet 2 of 2	Attorney Docket Number	60246-217			

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>		
		KATAOKA ET AL., Photocatalytic Oxidation in the Presence of Microwave Irradiation: Observations with Ethylene and Water, Journal of Photochemistry and Photobiology, May 31, 2002, pages 323-330, Volume 148			
	į				
Examiner Signature		Date Considered			

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.